

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: 20 NOV 1979

SUBJECT: Frontier Chemical Pendleton

FROM: George B. Radan *George Radan*
Environmental Engineer

TO: Files

10/31/79 - John Beecher, NYDEC, Buffalo (FTS 8-437-4411 - 716-842-5041) Senior Sanitary Engineer was contacted.

The main concern is still the Quarry Lake's level, very close to the top of the dike. May overflow-unless treated. The firm must apply for discharge permit, so that decontaminated waste water can be released into Bull Creek.

Will receive up-dated correspondence on this site.

11/1/79 - Site Inspection visit recommended by the H.W. Executive Committee (Possibility of overflow and consequences).

11/5/79 - 11/6/79 - Visited NYDEC, Region 9, Buffalo, New York and received the following information from Mr. John Beecher, P.E., Yavuz Erk, Chemical Engineer and Patience Dowd. There were a number of visits by State inspectors to the site, (June 8, June 27, July 26, 1979) - the main concern is still the level of lake close to the dike, barely 1 1/2 - 2 feet below the top of berm. There is a wind factor, waves do form and may overflow. Mr. Beecher said that an engineering report from the consulting firm of Bill Abrams was delayed. The principal, Mr. Abrams had to undergo chemo-therapy, so the report is now expected in 2 weeks. Also, Mr. Beecher has drafted a consent order, which will allow the discharge into the river after the clean-up treatment. The pH has to be adjusted to about 6 and the dissolved solids lowered to 2,000 mg/l. Even this will have to be diluted to come close to a normal stream content of about 750 mg/l.

The firm has commitment for \$0.5 million for the clean-up and the State is not forcing the issue (in order not to press the firm into bankruptcy). Once the permit is issued, to empty the lake, will take some 3 to 4 years. Beneath the lake there is good clay. New wells and borings were put in. The firm was supposed to supply plans for application of Part 360 (expansion plans), but has not done so as of (November 1, 1979).

